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TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371		ATTORNEY'S DOCKET NUMBER 1032.005
INTERNATIONAL APPLICATION NO. PCT/KR2004/000579	INTERNATIONAL FILING DATE 17 March 2004	U.S. APPLICATION NO. (If known, see 37 CFR 1.5) 10/521057
TITLE OF INVENTION Real-Time Knowledge Information Search System Using Wired/Wireless Networks, Method for Searching Knowledge Information in Real Time, and Method for		
APPLICANT(S) FOR DO/EO/US Joon Soo YOUNG and Hyun-Duck KIM		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<ol style="list-style-type: none"> 1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a submission under 35 U.S.C. 371. 2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371. 3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371 (f)). The submission must include items (5), (6), (9) and (21) indicated below. 4. <input checked="" type="checkbox"/> The US has been elected (Article 31). 5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371 (c)(2)) <ol style="list-style-type: none"> a. <input checked="" type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> has been communicated by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). 6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371 (c)(2)) <ol style="list-style-type: none"> a. <input type="checkbox"/> is attached hereto. b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). 7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) <ol style="list-style-type: none"> a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> have been communicated by the International Bureau. c. <input checked="" type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input type="checkbox"/> have not been made and will not be made. 8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). 9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). 10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). 		
Items 11 to 20 below concern document(s) or information included:		
<ol style="list-style-type: none"> 11. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98. 12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 13. <input type="checkbox"/> A preliminary amendment. 14. <input type="checkbox"/> An Application Data Sheet under 37 CFR 1.76. 15. <input type="checkbox"/> A substitute specification. 16. <input type="checkbox"/> A power of attorney and/or change of address letter. 17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 – 1.825. 18. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4). 19. <input type="checkbox"/> A second copy of the English language translation of the International Application under 35 U.S.C. 154(d)(4). 20. <input type="checkbox"/> Other items or information: 		

This collection of information is required by 37 CFR 1.414 and 1.491–1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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a. <input checked="" type="checkbox"/> A check in the amount of <u>\$ 525.00</u> to cover the above fees is enclosed. b. <input checked="" type="checkbox"/> Please charge my Deposit Account No. <u>50-1170</u> in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed. c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>50-1170</u> . A duplicate copy of this sheet is enclosed. d. <input type="checkbox"/> Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.																																																																						
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.																																																																						
SEND ALL CORRESPONDENCE TO: Timothy E. Newholm			SIGNATURE: Timothy E. Newholm NAME 34400 REGISTRATION NUMBER																																																																			
Boyle Fredrickson Newholm Stein & Gratz S.C. 250 E. Wisconsin Avenue, Suite 1030 Milwaukee, Wisconsin 53202																																																																						

BOYLE
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STEIN&GRATZ sc

INTELLECTUAL PROPERTY LAW

TIMOTHY E. NEWHOLM
DIRECT DIAL: 414-225-1667
TEN@BOYLEFRED.COM

January 12, 2005

Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Re: Utility Patent Application Transmittal
U.S. Patent Application Ser. No. (not assigned)
National Phase of PCT/KR2004/000579
Inventors: Youn et al.
Title: *Real-Time Knowledge Information Search System Using
Wired/Wireless Networks, Method for Searching Knowledge
Information in Real Time, and Method for Registering/Managing
Knowledge Information in Real Time*
Customer Account No.: 23598
Our Ref: 1032.005

Dear Sir:

Enclosed in connection with the above-identified national phase patent application are:

- the national phase application, consisting of:
 - 18 pages of specification,
 - 21 claims on 8 sheets, and
 - 5 Drawings on 5 sheets;
- an executed Declaration;
- a Transmittal Letter to the United States Designated/Elected Office (DO/EO/US) Concerning a Submission Under 35 U.S.C. 371;
- our check in the amount of \$525.00 in payment of the government filing fee for the patent application; and

Commissioner for Patents

January 12, 2004

Page 2

- a Preliminary Amendment adding an Abstract. Please enter the Preliminary Amendment before determining the filing fees.

Documents to Follow:

Applicant(s):

<u>Name</u>	<u>Residence</u>
Joon-Soo Youn	Gyeonggi-do, Republic of Korea
Hyun-Duck Kim	Gyeonggi-do, Republic of Korea

Assignment for Published Application:

Not applicable.

Power of Attorney:

Those attorneys associated with Customer Account No. 23598.

Small Entity Statement:

Applicant is a small entity within the meaning of 37 CFR §§ 1.9 and 1.27 and hereby claims small entity status.

Domestic Priority data as claimed by applicant:

This application is a 371 of PCT/KR2004/000579; filed 17 March 2004
(17.03.04).

10/521 057

DT15 Rec'd PCT/PTO 12 JAN 2005

Commissioner for Patents

January 12, 2004

Page 2

Foreign Application(s):

Korean 10-2003-0091815; filed 16 December 2003 (16.12.03)

Non-Publication Request:

Not applicable.

Deposit Account Authorization

The Director is hereby authorized to charge payment of any additional fees associated with this communication or credit any overpayment to Deposit Account No. 50-1170.

Respectfully submitted,


Timothy E. Newholm
Registration No. 34,400

Enclosures

Certification Under 37 CFR 1.10

Express Mail Label No: EV339662034US

Date of Deposit: January 12, 2005

I hereby certify that this paper or fee is being deposited with the United States Postal Service in "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.


Jodi A. Calderon